

SASSO 40 round wallwasher

trim

048-2840219A 048-2896318 002-90744



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

rotation 360°

gold , RAL 260-M ¹

Mounting set jet black

IP20

457 lm

fixture 73 lm/W²

LED

3500 K

CRI ≥ 90

L90 / 50000 h

MR 0.82

MDER 0.74

Optical

wallwasher

beam angle 118°

PstLM ≤ 1.0 ³

SVM ≤ 0.4 ³

Electrical

non DIM

220-240 V

system 7.6 W

fixture 6.3 W

36 Vf

200 mA

PC2

Physical

trim

diameter 60 mm

height 55 mm

0.59 kg

Cutout

diameter 56 mm

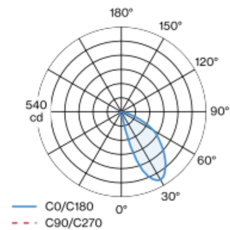
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

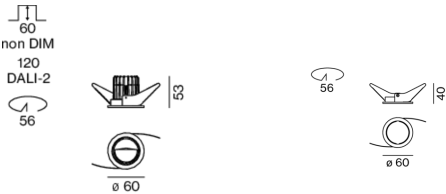
recessed depth 60 mm

Round recessed spotlight in die-cast aluminium; surface gold; 360° rotatable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim jet black; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; no multiple shadows; light colour 3500 K; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; with specially computed, asymmetrical reflector for homogeneous lighting intensity; high quality reflector with micro-faceted, aluminum-vaporised surface; PC2; 220-240 V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ RAL code
² incl. consideration of optical losses & internal control unit losses
³ Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|---|--------|--------|
| LLMF | 0.963 | 0.954 | 0.945 | 0.937 | 0.928 |
| LSF | 1 | 1 | 1 | 1 | 1 |
| MF | LMF × RSMF × LLMF × LSF | | RSMF ^a Room Surface Maintenance Factor | | |
| MF | Maintenance Factor | | LLMF Lamp Lumens Maintenance Factor | | |
| LMF ^a | Luminaire Maintenance Factor | | LSF Lamp Survival Factor | | |

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 57 |
| B13 | 75 |
| B16 | 92 |
| B20 | 115 |
| C10 | 57 |
| C13 | 75 |
| C16 | 92 |
| C20 | 115 |

Components

MOUNTING SET with trim 1 lamp

| | | | |
|-----------------------------------|---------------------|--------------|----------------------------------|
| TYPE for intermediate ceilings | COLOUR jet black | Ø (MM) 60 | ARTICLE NUMBER(S) 048-2896318 |
|-----------------------------------|---------------------|--------------|----------------------------------|



POWER SUPPLY

| | | |
|--------------|------------------------|--------------------------------|
| TYPE 10 W | L-W-H (MM) 65-39-20 | ARTICLE NUMBER(S) 002-90744 |
|--------------|------------------------|--------------------------------|



Optional electrical accessories

DIN RAIL POWER SUPPLY

| | | |
|---------------|------------------------|----------------------------------|
| TYPE 160 W | L-W-H (MM) 72-90-63 | ARTICLE NUMBER(S) 005-6520210 |
|---------------|------------------------|----------------------------------|



DIN RAIL LED DRIVER

| | | |
|--|------------------------|----------------------------------|
| TYPE DALI-2 200-1050 mA 2 x 42W | L-W-H (MM) 36-88-59 | ARTICLE NUMBER(S) 005-6121030 |
|--|------------------------|----------------------------------|



Optional electrical accessories

POWER SUPPLY PREWIRED

| | |
|------------------------------------|---------------------------------|
| TYPE with junktion box DALI-2 | ARTICLE NUMBER(S) 002-90750A |
| with junktion box DALI-2 | 002-90749A |

Optional electrical accessories

POWER SUPPLY

| | | |
|------------------------------------|-------------------------|--------------------------------|
| TYPE with loop through function | L-W-H (MM) 185-30-21 | ARTICLE NUMBER(S) 002-90750 |
| with loop through function | | 002-90749 |

